

HAZARDOUS MATERIALS CONTROL PERMIT CERTIFICATION

I hereby certify on behalf of Linde LLC, the applicant for a permit or permit renewal from the Acton Board of Health pursuant to Chapter I of the Town of Acton General By-laws (the "Permit Application") that (a) the information contained in the Permit Application is true, accurate and complete, and (b) the facility located/operating at 37 Laws Brook Rd, Acton, MA and that is the subject of the Permit Application complies with the requirements for Approval of Hazardous Material Waste and Special Waste Permits as defined in section 3.5 of Chapter I of the Town of Acton General By-laws, Hazardous Materials Control, as amended.



Authorized Signatory

5/9/2011

Date

Hazardous Material (Non-Waste) Inventory Information

Complete the table below for all non-waste inventory. Use additional pages if necessary.

Chemical/Common Name	Max. Qty (at any one time)	Container Size (single largest container)	Location(s) (see section C)
<i>See Attached</i>	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	

Hazardous Waste Inventory Information

(Hazardous Waste Generator Permit Application/Amendment)

Complete the table below for all waste inventory. Use additional pages if needed.

Name of Hazardous Waste	Treatment/Disposal Method(s) (Definitions provided on bottom of page)	Max. Qty. (at any one time)	Annual Qty. Generated	Location(s) (see Section C)
<i>Compressor oil</i>	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input checked="" type="checkbox"/> Shipped off-site for recycling/ treatment /disposal	<i>55</i> gal. ____ lbs. ____ cu. ft.	<i>55</i> gal. ____ lbs. ____ cu. ft.	<i>Compressor Room</i>
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. ft.	

Chemical / Common Name	Max Qty	Container Size	Location (s)
	(at any one time)	(single largest container)	(see section C)
Helium Refrigerated Liquid	15,000 gals	15,000 gals	Helium Fill Area
Nitrogen Refrigerated Liquid	6,000 gals	9,000 gals	Nitrogen Tank Pad
Hydrogen Compressed	3,900 Kg	2,678 Kg	Trailer storage area
Hydrogen Bromide	800 Kg	19 Kg	Cylinder storage area
Hydrogen Chloride	2,220 Kg	27 Kg	Cylinder storage area
Arsine Mixture	1.82 Kg	0.035 Kg	Cylinder storage area
Diborane Mixture	0.34 Kg	0.17 Kg	Cylinder storage area
Phosphine Mixture	0.4 Kg	0.02 Kg	Cylinder storage area

Facility Site Plan/Storage Map

Prepare and submit with this Registration Form a simple site map which shows the following information:

- North direction • Street(s) adjacent to facility • Electrical, water, and gas shutoff valves
- Basic floor plan for each building containing hazardous materials/wastes which indicates building entrance(s) and hazardous material/waste storage locations (use grid locations or assign a code - A, B, C, etc. - to clearly identify each storage location for use in the above inventories).

Site Address: 37 Laws Brook Rd City: Acton
Date Map Drawn: 5/9/2011

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										
17																										
18																										
19																										
20																										
21																										
22																										
23																										
24																										
25																										
26																										
27																										
28																										

Endorsement

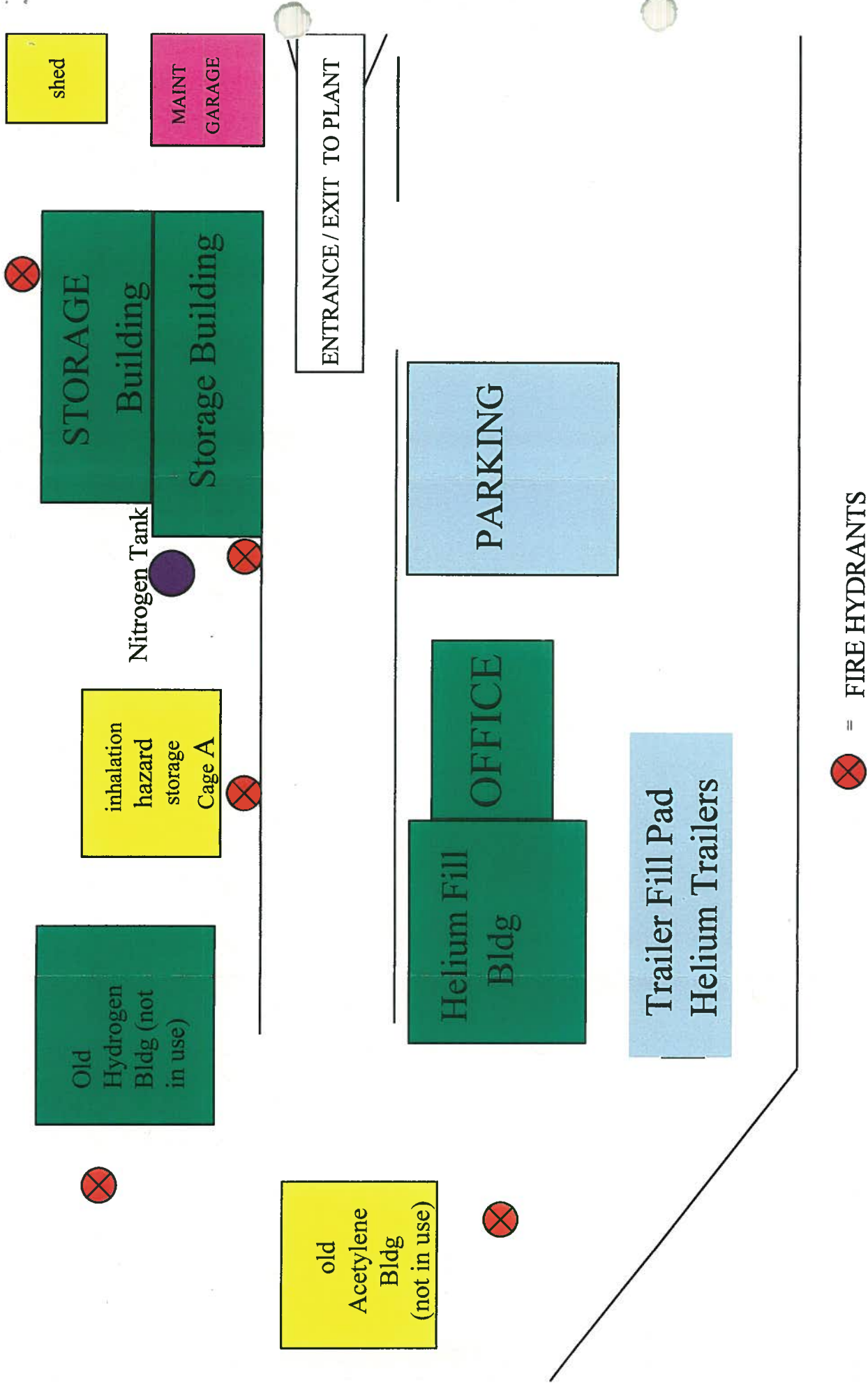
I declare that the above information is true and correct to the best of my knowledge. I agree to comply with all applicable regulations regarding storage, handling, and disposal of hazardous materials and hazardous wastes.

Richard Leva
Owner/Operator's Name (Print)

[Signature]
Owner/Operator's Signature

5-9-2011
Date

----- Do Not Complete below This Line -----



Linde ACTON, MA. SITE PLAN

5/1/2011

Expires 5/1/12

Paid: **\$510**

**TOWN OF ACTON
PERMIT
HAZARDOUS MATERIALS CONTROL BYLAW
Linde, LLC,
37 Lawsbrook Road Acton, MA 01720**

Is hereby granted a permit to store and use Hazardous Materials at **37 Lawsbrook Road** Acton, MA 01720. This permit is granted with the conditions as noted on the attached list of conditions assigned to your facility.

Permit Categories: **2,4,6,8**

*See below explanation of permit categories

HAZARDOUS MATERIALS CONTROL PERMIT CATEGORIES AND FEES

<u>Category</u>	<u>Initial</u>	<u>Renewal</u>
1. Large Hazardous Waste Generator	\$160	\$65
2. Small Hazardous Waste Generator	\$60	\$45
3. Hazardous Materials Generator	\$160	\$65
4. Hazardous Materials User	\$50	\$45
5. Remediation Discharge Permit	\$575	\$140
6. Remediation Permit	\$595	\$140
7. Hazardous Waste User	\$160	\$65
8. Hazardous Materials Storer Large Industry	\$510	\$235
9. Hazardous Materials Storer Small Industry	\$360	\$160
10. Hazardous Materials Storer Large Retail	\$430	\$140
11. Hazardous Materials Storer Small Retail	\$305	\$160
12. Hazardous Waste Storer Small Industry	\$160	\$65
13. Hazardous Waste Storer Retail	\$60	\$45
14. Hazardous Waste Storer Large Industry	\$160	\$65

HAZARDOUS MATERIALS CONTROL PERMIT

List of Conditions:

**Linde, LLC
37 Lawsbrook Road
Acton, MA 01720**

Pursuant to the authority of Chapter I - Hazardous Materials Control Bylaw - of the Town of Acton's General Bylaws, the Board of Health has considered your application and plans submitted therewith, and has determined that the materials to be stored, used or generated, are within the scope of said bylaw. The Board of Health hereby orders that the following conditions are necessary and all storage, use or generation must be performed in strict conformance herewith:

1. All liquid Hazardous Materials and Wastes shall be stored in a containment area capable of containing 110% of the largest volume stored in the containment area.
2. All Materials Safety Data Sheets (MSDSs) for the Hazardous Materials shall be maintained on site. MSDSs shall be reviewed with employees at the time of their employment and on an annual basis thereafter. MSDS must be made available to all employees upon request.
3. A Contingency Plan, including emergency contact numbers (Telephone numbers of owner, operator, etc.) and a sketch showing clearly all Hazardous Material and Waste locations shall be submitted and updated annually, to the Board of Health, Fire Department, Police Department, and Civil Defense.
4. Emergency procedures and local Emergency Response Telephone Numbers (Health, Fire, Police, D.E.P., Civil Defense, etc.) should a spill occur, shall be posted in clear view of all employees where Hazardous Materials or Wastes are used or stored.
5. All Hazardous Wastes must be disposed of by a Licensed, D.E.P. approved, hauler or be recycled on site.
6. Copies of either all invoices or manifests for any Hazardous Materials or Wastes, received or disposed, shall be submitted to the Board of Health annually.
7. All Hazardous Materials Containers shall be labeled and dated when filling first began.
8. Speedy Dry, or its equivalent, shall be kept in the storage area, in case of a Hazardous Materials or Wastes spill.
9. Floor cleaning procedures and bathroom sanitation products shall use only nontoxic and biodegradable cleaning compounds.
10. All floor drains shall be sealed or discharged into a closed system, with the waste disposed of by a D.E.P. approved Hazardous Waste Hauler.
11. Protective equipment, including chemical resistant gloves, eye goggles and (rubber) boots, in addition to soap and water, shall be made available to all employees, at all times, in any Hazardous Materials or Waste storage or use area.
12. No Hazardous Materials or Wastes shall be discharged into a sink or toilet.
13. A safety eye wash station shall be installed where any Hazardous Materials or Wastes are handled or used.

14. A fire extinguisher, containing an appropriate fire extinguishing agent, shall be placed in the Hazardous Materials Storage area.
15. No food or drink shall be stored or consumed in any area where Hazardous Materials are stored or used.
16. Within thirty (30) days after issuance of this permit and prior to the next pumping of the septic tank, a sample shall be taken from the liquid layer of the septic tank and analyzed for volatile organic compounds by EPA Method 624. A sample shall be taken each time prior to pumping the septic tank. Each sample shall be analyzed by a DEP certified testing lab. The results of all tests shall be submitted to the Board of Health within thirty (30) days after testing. The septic tank shall be tested annually unless otherwise requested by the Board of Health.
18. D.E.P. Generator Registration shall be provided annually upon renewal of the Hazardous Materials Storage Permit.
19. A groundwater analysis, for volatile organic compound contamination, of all monitoring wells on site shall be conducted annually with the results submitted to the Board of Health.
21. Gas cylinders shall not be rolled, even for short distances. They shall be moved by a suitable hand truck, in accordance with an OSHA standard that applies.
23. Directions written in two languages, English and a second language used by two or more employees (when applicable), shall be posted in clear view, listing emergency procedures.
24. Visual monitoring of all spill containment vaults and tanks shall be made every six months with a log of the inspections kept on site and a report given to the Board of Health if any spill containment vaults or tanks have received any Hazardous Material spills since the last inspection.
25. Prior to any new chemical or processes being used, the Board of Health shall be notified.
26. The operation of this facility shall be in compliance with all present and future regulations of E.P.A. and D.E.P. at all times. Nothing in this permit allows or requires non-compliance with all present and future applicable laws or regulations of the Federal or State Governments.
29. All exterior above ground storage tank areas shall have secondary containment, as well as be protected from the elements and have restricted access from the public.
35. All reports sent to D.E.P. or E.P.A., in regards to the waste site clean plan, shall also be submitted to the Board of Health.
- BOC shall verify, on an annual basis, that all storage containers have been audited and that a Health and Safety Plan is in place.